Resume

Personal Data:

Name:	Jindong Huang (Mr)	Birthday:	Oct 17, 1983
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Education & Work

2011.4 – present	Work at Baidu Inc, Search Infrastructure	BeiJing, China
2008.9 – 2011.4	Huazhong University of Science and Technology Master in Computer Science	Wuhan, China
2004.9 – 2008.6	Dalian University of Science and Technology Bachelor in Software Engineering	Dalian, China

Awards

School:	National Scholarship, ICM Honorable mentioned, School Scholarship Grade 1
Company:	Million Prize, Quarter Star, Project Innovation Awards

Professional Skills

- Expert knowledge developing and debugging in C/C++ on Linux
- Expert knowledge of network programming, network problem diagnosing.
- Experience developing with Python, Bash.
- Experience with file system, concurrency, multithreading, server architectures, distributed system
- Experience with large scale system with more than 30, 000 machines.
- Have a good command of both spoken and written English, Past CET-6

Project Experiences

- **General Cluster Management System, 2012.10-present(7 members)**

  ◆Background: Each type of service residents on separate cluster of machines, we can make more efficient use of the machines by mixing them into one cluster. So we build this to operation every type of service, some kind of AWS. It includes Resource Management, Service Deployment, Service upgrading, Naming Service, and Data Transfer Service.

  ◆Responsibility: Team Leader, system design, implement of service management etc.

- **Cluster Management System for Basic Search, 2012.2-2012.10(8 members)**

  ◆Background: Basic search service scales up quickly, with service types and machine types are growing, so we build this to make more efficient use of the machines and make operations more effective. This project **wins Million Prize of company.**

  ◆Responsibility: Develop of the Master Service, which including calculation of index distribution, applying **distribution** to online, procedure of new distribution takes effect.

- **Term-Based Search, 2011.4-2012.2(5 members)**

  ◆Background: A solution to cover the long tail documents with low costs.

  ◆Responsibility: Develop of interaction of each service instance, using zookeeper to locate the block of terms. Migrate of clustering and classification function.

- **Others**,

  - SSD read and write concurrently with Service not affected, to accelerate index refresh rate.
  - Authentication lib based on white list of IP, avoid damage from unexpected request.
  - Heartbeat lib. Accelerate service by founding unusable backend faster.